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	PTO/SB/05 (03-01)				
Please type a plus sign (+) inside this box	Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE				
Under the Paperwork Reduction Act of 1995, no persons are required to respon					
UTILITY	Attorney Docket No.				
PATENT APPLICATION	First Inventor Bret Cahill				
TRANSMITTAL	Title External Rotor Gas Turbine				
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No. E \$\mathbf{T} 507241818 US				
APPLICATION ELEMENTS	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application				
See MPEP chapter 600 concerning utility patent application contents.	Washington, DC 20231				
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	7. CD-ROM or CD-R in duplicate, large table or				
Applicant claims small entity status.	Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission				
See 37 CFR 1.27.  Specification [Total Pages 9]	(if applicable, all necessary)				
3. (preferred arrangement set forth below)  - Descriptive title of the invention	a. Computer Readable Form (CRF)				
<ul> <li>Cross Reference to Related Applications</li> </ul>	b. Specification Sequence Listing on:				
- Statement Regarding Fed sponsored R & D	i. CD-ROM or CD-R (2 copies); or				
<ul> <li>Reference to sequence listing, a table, or a computer program listing appendix</li> </ul>	i i. L paper				
- Background of the Invention	c. Statements verifying identity of above copies				
- Brief Summary of the Invention	ACCOMPANYING APPLICATION PARTS				
<ul> <li>Brief Description of the Drawings (if filed)</li> <li>Detailed Description</li> </ul>	Assignment Papers (cover sheet & document(s))				
- Claim(s)	37 CFR 3 73(h) Statement Dewer of				
- Abstract of the Disclosure	10. (when there is an assignee) Attorney				
4. Drawing(s) (35 U.S.C. 113) [ Total Sheets ]	11. English Translation Document (if applicable)				
5. Oath or Declaration [ Total Pages ]	12 Information Disclosure Copies of IDS Citations				
a. Newly executed (original or copy)	13. Preliminary Amendment				
b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)	14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)				
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s)	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)				
named in the prior application, see 37 CFR	Nonpublication Request under 35 U.S.C. 122				
1.63(d)(2) and 1.33(b).	(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.				
6. Application Data Sheet. See 37 CFR 1.76	17. Other:				
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:					
Ur in an Application Data Sheet under 37 Cr N 1.70.					

Continuation-in-part (CIP) Continuation Divisional of prior application No \_ Prior application information: Group Art Unit. For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Correspondence address below Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) Name **Address** State Zip Code City Country Telephone

Burden Hour Statement. This form is estimated to take 0.2 hours to complete Time will vary depending upon the needs of the individual fase. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Registration No. (Attorney/Agent)

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Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** 

spond to a collection of info	mation unless it displays a valid Olyb control number.					
Complete if Known						
Application Number	60/273426					
Filing Date	March 5, 2001					
First Named Inventor	Bret Cahill					
Examiner Name						
Group Art Unit						
Attorney Docket No.						

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check Credit card Money Other None	3. ADDITIONAL FEES					
Older	Large Entity  Small Entity					
Deposit Account:	Fee	Fee	Fee		Fee Description	Fee Paid
Account Number	Code 105	( <b>\$</b> ) 130	<b>Cod</b> 205	e (\$) 65	Surcharge - late filing fee or oath	
Deposit	105	130	205	φs	Suicharge - late filling lee or batti	
Account Name	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
The Commissioner is authorized to: (check all that apply)	139	130	139	130	Non-English specification	
Charge fee(s) indicated below Credit any overpayments	147	2.520	147	2,520	For filing a request for ex parte reexamination	
Charge any additional fee(s) during the pendency of this application	112	920*		920*	Requesting publication of SIR prior to	
Charge fee(s) indicated below, except for the filing fee					Examiner action	
to the above identified deposit account.  FEE CALCULATION	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
1. BASIC FILING FEE	115	110	215	55	Extension for reply within first month	
Large Entity   Small Entity	116	400	216	200	Extension for reply within second month	
Fee Fee Fee Fee Description	117	920	217	460	Extension for reply within third month	
404 740 004 070 11686 680 600	118	1,440	218	720	Extension for reply within fourth month	
101 740 201 370 Outlity filing fee 370 ,c0	128	1,960	228	980	Extension for reply within fifth month	
107 510 207 255 Plant filing fee	119	320	219	160	Notice of Appeal	
108 740 208 370 Reissue filing fee	120	320	220	160	Filing a brief in support of an appeal	
114 160 214 80 Provisional filing fee	121	280	221	140	Request for oral hearing	
SUPTOTAL (1) (2) 2 30 a0	138	1,510	138	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 370,00	140	110	240	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	141	1,280	241	640	Petition to revive - unintentional	
Extra Claims below Fee Paid	142			640	Utility issue fee (or reissue)	
Total Claims20** = X =	143	460	243	230	Design issue fee	
Claims	144	620	244	310	Plant issue fee	
Multiple Dependent =	122	130	122	130	Petitions to the Commissioner	
Large Entity   Small Entity	123	50	123	50	Processing fee under 37 CFR 1 17(q)	
Fee Fee Fee Fee Description	126	180	126	180	Submission of Information Disclosure Stmt	
Code (\$)	581	40	581	40	Recording each patent assignment per property (times number of properties)	
102 84 202 42 Independent claims in excess of 3	146	740	246	370	Filing a submission after final rejection	
104 280 204 140 Multiple dependent claim, if not paid	149	740	249	370	(37 CFR § 1.129(a))  For each additional invention to be	
109 84 209 42 ** Reissue independent claims over original patent	173	, 40	240	010	examined (37 CFR § 1.129(b))	
110 18 210 9 ** Reissue claims in excess of 20	179	740	279	370	Request for Continued Examination (RCE)	
and over original patent	169	900	169	900	Request for expedited examination of a design application	
SUBTOTAL (2) (\$) 370,00	Other fee (specify)					
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)					

SUBMITTED BY			Complete (#	applicable)
Name (PrintlType)	Bret Cahill	Registration No (Attorney/Agent)	Telephone	409-833-2741
Signature	But Calill		Date	3/4/62

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